

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously presented) A lighting device comprising at least one light source as well as a light reflector disposed beside the light source for reflection of at least part of the light radiated from the light source, characterized in that the light reflector comprises at least one light-transmitting element bounding a space at least in part, as well as a diffusely reflective 'free flowing' powder present inside said space.
2. (Original) A lighting device according to claim 1, wherein said powder comprises calcium halophosphate, calcium pyrophosphate, BaSO_4 , MgO , YbO_3 , TiO_2 or Al_2O_3 particles.
3. (Previously presented) A lighting device according to claim 2, wherein the particles have an average diameter ranging between 0.1 and 100 μm .
4. (Previously presented) A lighting device according to claim 2, wherein said particles are mixed with fine-grained Al_2O_3 particles having an average diameter which ranges between 10 and 50 nm.
5. (Previously presented) A lighting device according to claim 4, wherein the amount of fine-grained Al_2O_3 particles having an average diameter ranging between 10 and 50 nm ranges between 0.1 and 5 wt. %.

6. (Previously presented) A lighting device according to claim 1, wherein said space has a thickness greater than or equal to 0.5 mm.
7. (Previously presented) A lighting device according to claim 1, wherein the light-transmitting element is a plate of glass or a synthetic material.
8. (Previously presented) A lighting device according to claim 1, wherein said space is bounded, at least in part, by said light-transmitting element and by another light-transmitting element.
9. (Previously presented) A lighting device according to claim 1, wherein said space is bounded, at least in part, by said light-transmitting element and by another light-transmitting element.
10. (Previously presented) A lighting device according to claim 1, wherein said powder is mixed with colour pigments.
11. (Cancelled)
12. (Previously presented) A lighting device according to claim 1, wherein the powder is incapable of absorbing light, at least light having a wavelength in the visible range.
13. (Previously presented) A lighting device according to claim 1, wherein a surface of the light-transmitting element facing towards the light source is optically roughened.

14. (Original) A lighting device according to claim 13, wherein a surface of the light-transmitting element facing towards the powder is likewise optically roughened.

15. (Previously presented) A method for manufacturing a lighting device, in which at least one light source and at least one lighting fixture having a surface facing the light source are supplied and in which a light reflector is arranged beside the light source for diffuse reflection of at least part of the light radiated from the light source and for specular reflection of at least another part of the light radiated from the light source so as to increase light output of the lighting device and to restrict the angular distribution of the intensity of the emitted light beam from the lighting device, characterized in that at least one light-transmitting element bounding a space at least in part, as well as a diffusely reflective 'free flowing' powder present inside said space are used as the light reflector, wherein the light-transmitting element comprises at least two substantially parallel, substantially optically smooth surfaces, a first surface facing towards the light source and a second surface facing towards the lighting fixture, and wherein the surface of the light-transmitting element that faces towards the light source extends substantially parallel to the surface of the lighting fixture facing the light source.

16. (Previously presented) A lighting device according to claim 3, wherein the particles have an average diameter ranging between 5 and 20 μm .

17. (Previously presented) A lighting device according to claim

5, wherein the amount of fine-grained Al_2O_3 particles having an average diameter ranging between 10 and 50 nm ranges between 0.5 and 3 wt. %.

18. (Previously presented) A lighting device according to claim 6, wherein said space has a thickness greater than or equal to 1 mm.

19. (Previously presented) A lighting device according to claim 18, wherein said space has a thickness greater than or equal to 2 mm.